

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102120\
 Data File : VD067341.D
 Acq On : 21 Oct 2020 12:14
 Operator : VA/SY
 Sample : L4467-01
 Misc : 6.31G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VB-15242

Quant Time: Oct 22 00:36:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	311229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	511390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	477002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	198894	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	169606	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
35) Dibromofluoromethane	7.92	113	170204	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	10.34	98	600920	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.64	95	190839	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	

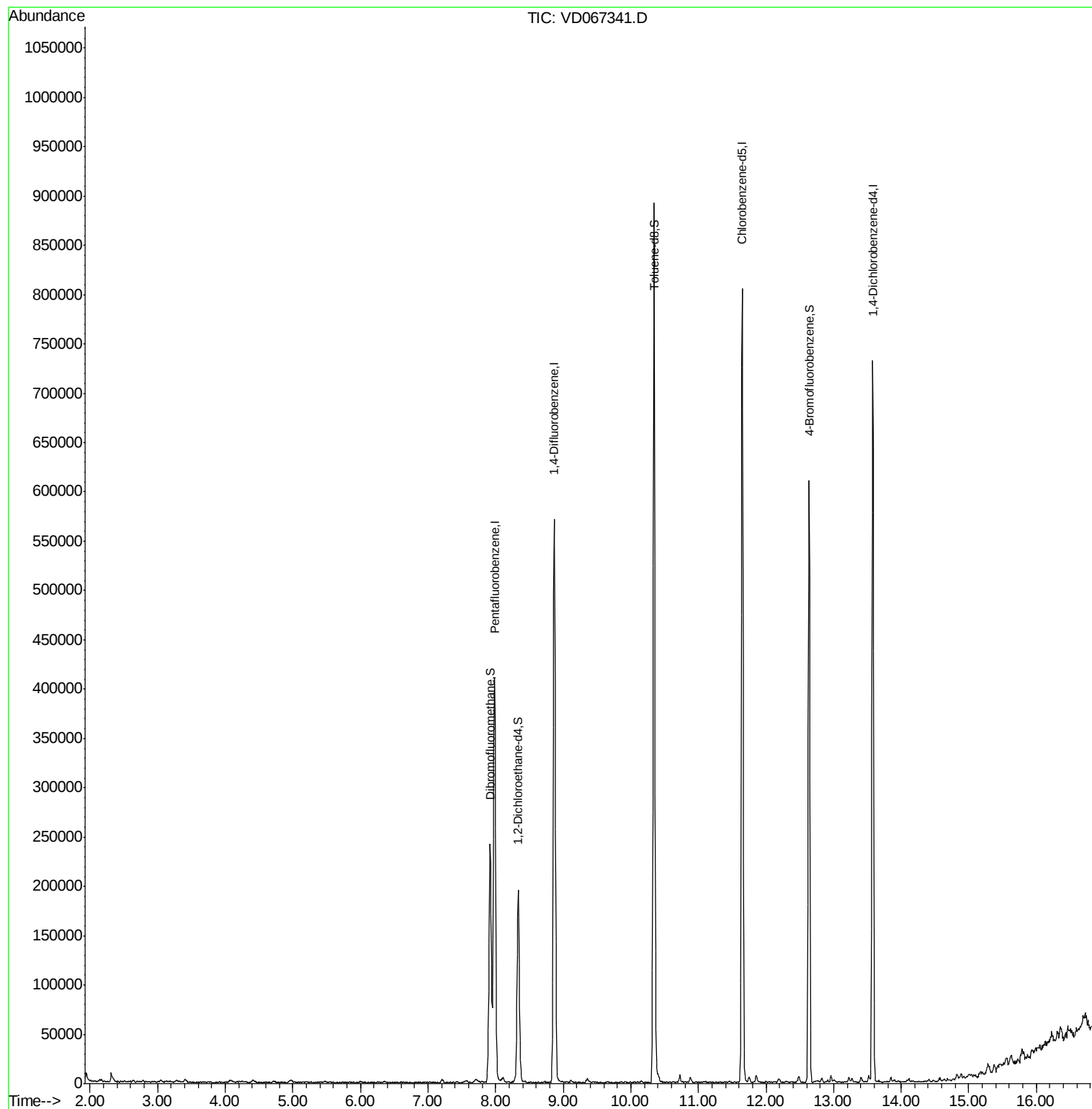
Target Compounds	Qvalue

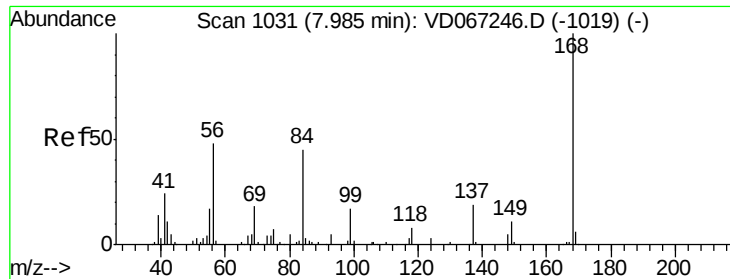
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067341.D

Acq: 21 Oct 2020 12:14

Instrument :

MSVOA_D

ClientSampleId :

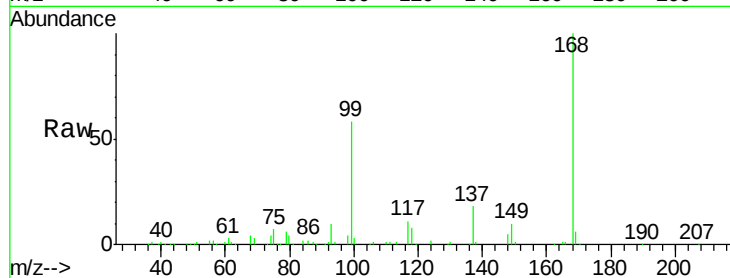
VB-15242

Tot Ion:168 Resp: 311229

Ion Ratio Lower Upper

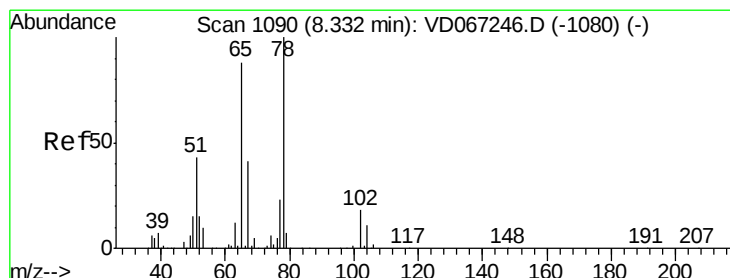
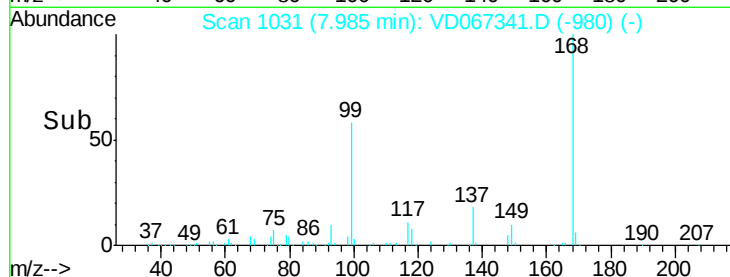
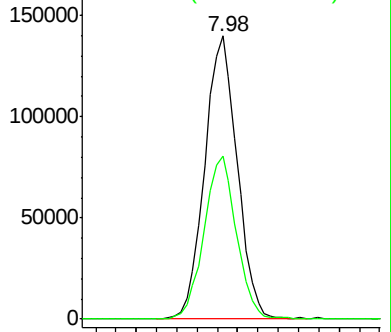
168 100

99 57.4 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 54.395 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067341.D

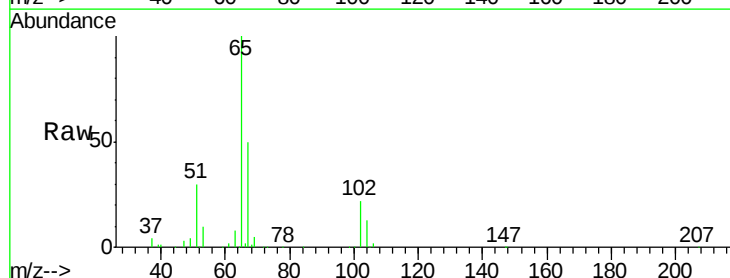
Acq: 21 Oct 2020 12:14

Tgt Ion: 65 Resp: 169606

Ion Ratio Lower Upper

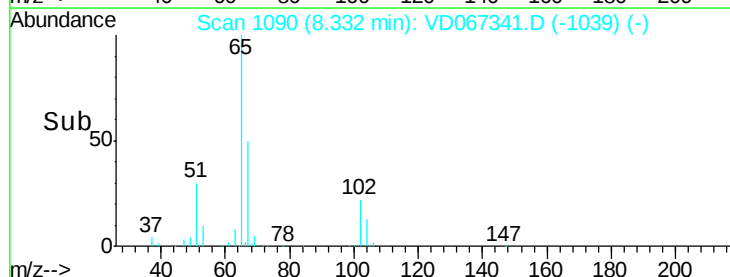
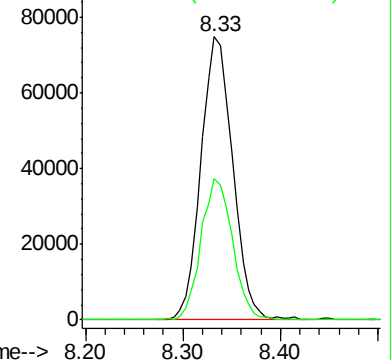
65 100

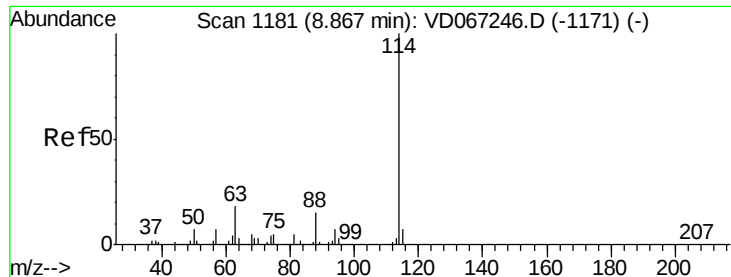
67 49.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

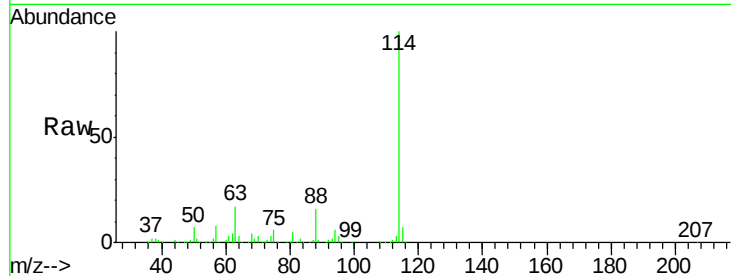




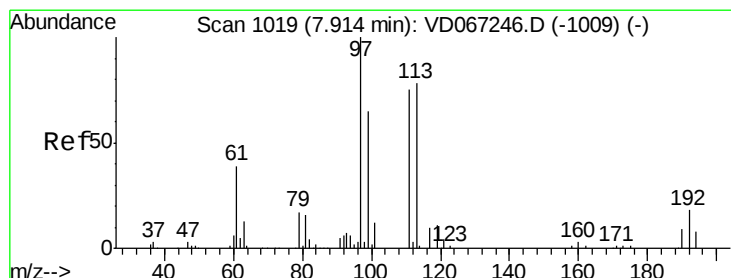
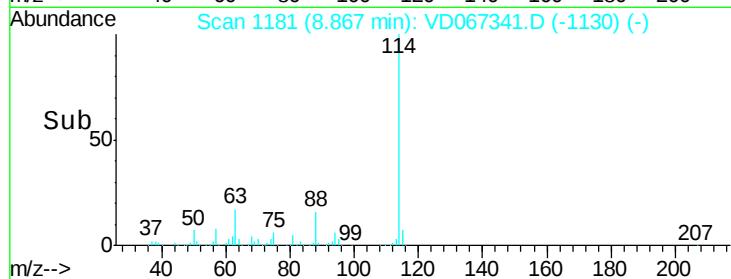
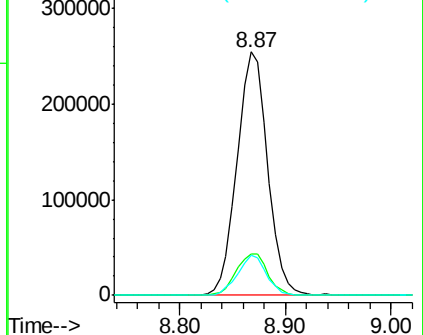
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067341.D
 Acq: 21 Oct 2020 12:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VB-15242

Tot Ion:114 Resp: 511390
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.0
 88 16.4 0.0 30.6

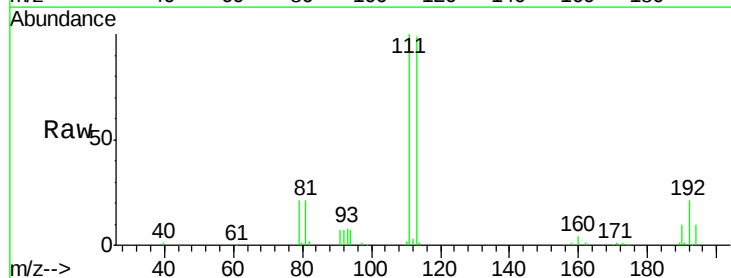


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

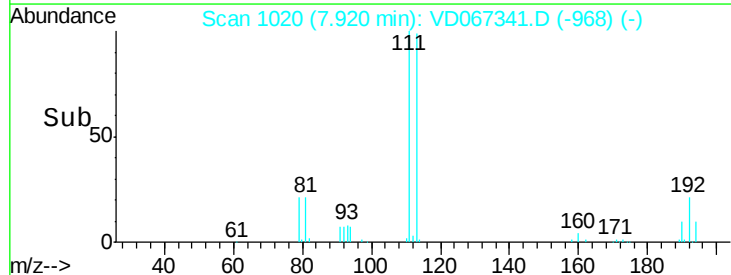
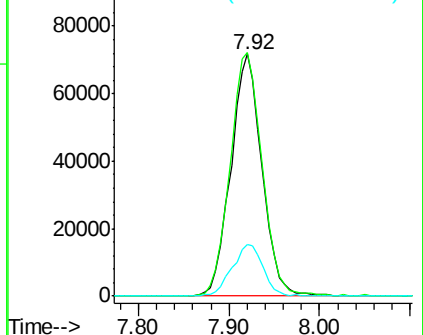


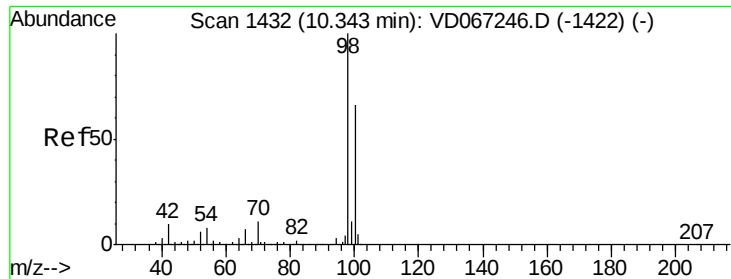
#35
 Dibromofluoromethane
 Concen: 50.011 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067341.D
 Acq: 21 Oct 2020 12:14

Tgt Ion:113 Resp: 170204
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.6 122.4
 192 21.2 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

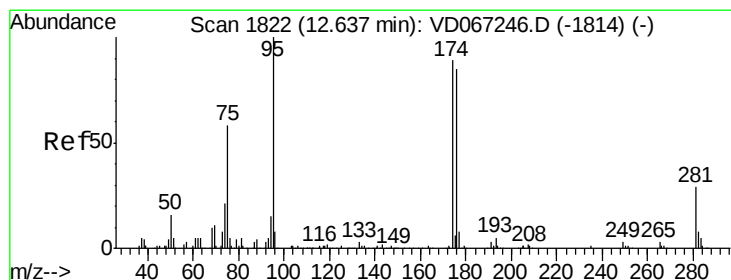
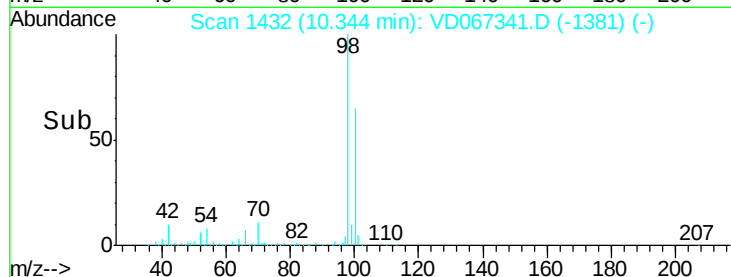
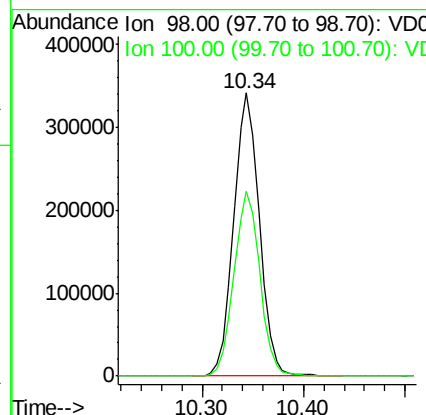
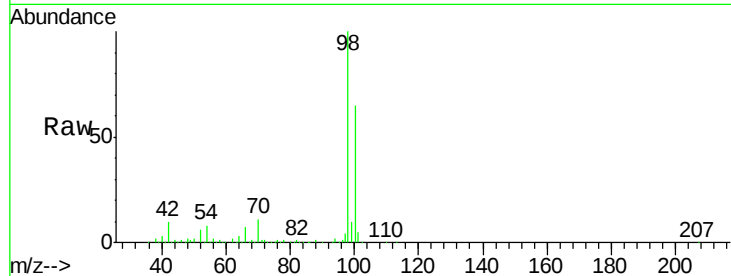




#50
Toluene-d8
Concen: 48.791 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067341.D
Acq: 21 Oct 2020 12:14

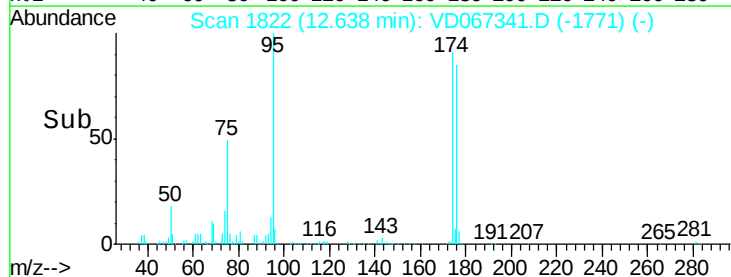
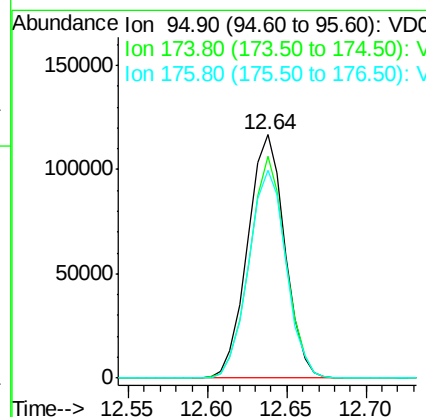
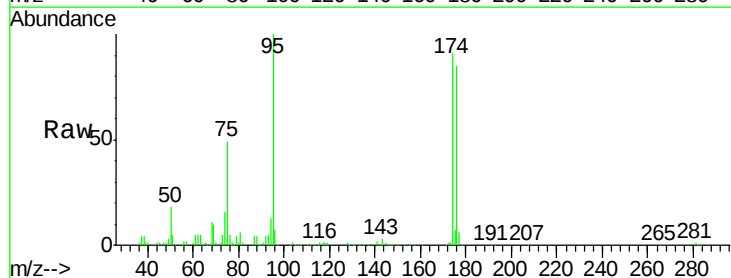
Instrument :
MSVOA_D
ClientSampleId :
VB-15242

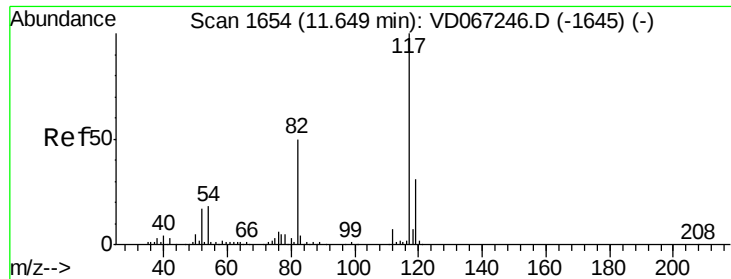
Tot Ion: 98 Resp: 600920
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.561 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067341.D
Acq: 21 Oct 2020 12:14

Tgt Ion: 95 Resp: 190839
Ion Ratio Lower Upper
95 100
174 88.3 0.0 175.2
176 86.0 0.0 168.6

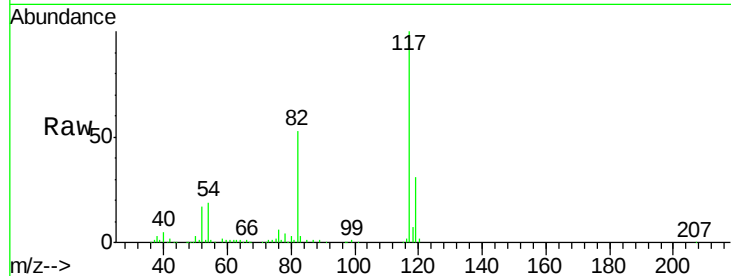




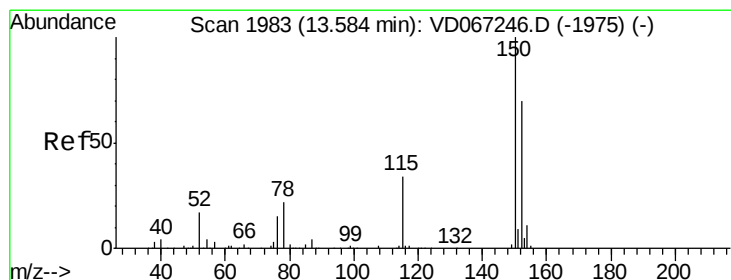
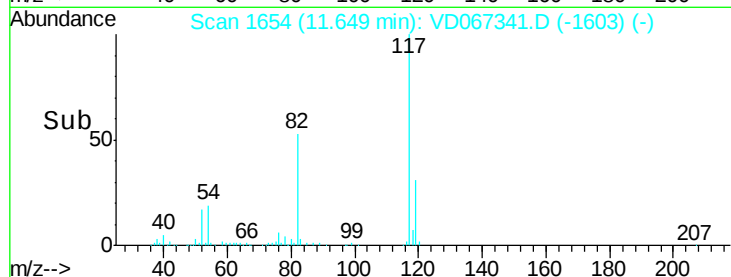
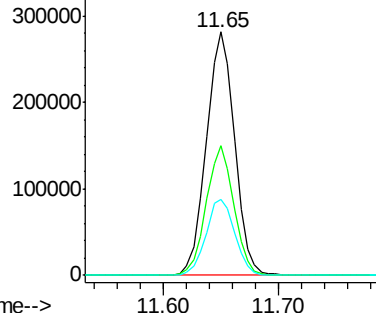
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067341.D
Acq: 21 Oct 2020 12:14

Instrument :
MSVOA_D
ClientSampleId :
VB-15242

Tot Ion:117 Resp: 477002
Ion Ratio Lower Upper
117 100
82 53.3 39.9 59.9
119 31.3 24.9 37.3

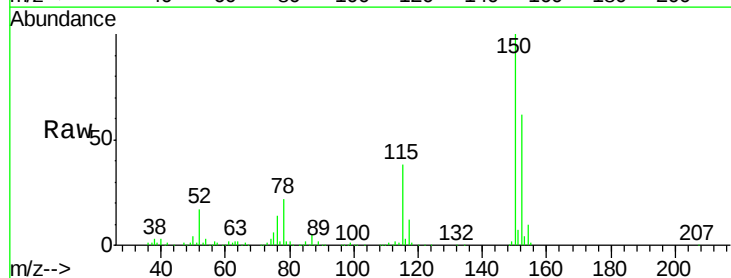


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067341.D
Acq: 21 Oct 2020 12:14

Tgt Ion:152 Resp: 198894
Ion Ratio Lower Upper
152 100
115 59.7 29.3 87.9
150 159.5 0.0 339.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

